EPTZ 1000 – ¼" 18x outdoor colour speed dome camera

Features

- 18x optical zoom (+12x digital zoom)
- High resolution technology (470 TV lines)
- Automatic exposure control
- Flickerless function
- IP66 weatherproof rating
- Several built-in protocols
- 192 programmable preset positions
- 4 alarm inputs, 1 alarm output with tour/position auto triggering

Technical data	
Sensor	¼" CCD SONY Exview HAD
Effective pixels	440.000
Horizontal resolution	470 TV lines
Sensitivity	0,7 lux (F 1.4, 50 IRE)
Video output	1 Vp-p (sync. negative), BNC
S/N ratio	Over 50 dB
Synchronisation system	Internal
Electronic shutter	1/50 ~ 1/10.000 sec., 22 steps
White balance	Auto / indoor / outdoor / manual
Back light compensation	On / off
Gain	Auto / -3 ~ 28 dB
Exposure control	Automatic
Flicker cancel	Automatic
Zoom ratio	18x optical zom (+12x digital zoom)
Focus length	f=4,1 (wide) ~ 73,8 (tele) mm
Aperture	F 1.4 (wide) ~ F 3.0 (tele)
Viewing angle	48° (wide end) to 2,8° (tele end)
Minimum object distance	35 mm (wide end) to 800 mm (tele end)
Focusing method	Auto, one-push AF, manual
Weatherproof rating	IP 66
Power source	24 V AC, via included power supply 230 V AC
Power consumption	18 W without heater, 70 W with heater
Fan / heater	Thermostat-controlled
Ambient temperature	-40°C ~ +40°C
Humidity	~ 90%
Dimensions (diameter x H)	220 x 310 mm
Weight	5,6 kg

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Functions	
Communication	RS-485
Built-in protocols	Pelco-P / Pelco-D / EverFocus / ED 2200 / ED 2250
Communication speed	1200 / 2400 / 4800 / 9600 bps
Address editable through DIP switch	Yes
Speed dome address range	1 ~ 255
Horizontal rotation speed	0,1° / sec. ~ 360° / sec.
Horizontal rotation range	360° unlimited rotation
Tilt rotation range	90°
Auto flip	180° rotation when camera tilts to vertical position
Auto zoom speed control	Auto adjustment of PT control speed according to zoom speed position
Autopan, 2 points scanning	Adjustable speeds, adjustable end stops
Autopan speed	1 ~ 128 steps
Dwell time (2 points)	1 ~ 60 sec.
Preset positions	192
Running to position speed	Up to 360° / sec.
Manual pan speed	0,1° ~ 120° / sec.
Manual tilt speed	0,1 ~ 60° / sec.
Dwell time at preset position	1 ~ 60 sec.
Tours	16
Presets per tour	16 preset positions
Position accuracy	+/- 0,1°
Alarm	4 inputs, 1 output, with tour/position auto triggering
Proportional pan speed	Yes
Built-in menu for functions	Yes, OSD

Speed dome control devices

EKB 500 – multi-function keyboard

Technical data	
Keys	48
Joystick	3D PTZ function control
Jog/shuttle	DVR control
Display	LCD 2 lines with 20 characters each
Baud rate	1.200 ~38.400
Serial interfaces	RS-232 (service) / 2 x RS-485
Protocols	Pelco-P / Pelco-D / EverFocus / ED 2200 / ED 2250
Devices	Control of speed dome, DVR and EQ 2700 motorzoom camera
Cascading	Up to 8 keyboards addressable
Wiring box	Yes
Power source	12 V DC, via included power supply 230 V AC
Power consumption	10 W max.
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	360 x 110 x 200 mm
Weight	1,5 kg

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ECS 7710 T / ECS 7710 C – 10,4" TFT touchscreen control panel with DVR / PTZ control

Technical data

	ECS 7710 T	ECS 7710 C
Display size	10,4" (211 x 158 mm)	
Display resolution	VGA 640 x 480, 65.536 colours	
Controller hardware	32-bis RISC-CPU, 133 MHz, 8 MB	
Interfaces	2 x USB, 1 x RS-232, 2 x RS-485	
Video input	4 x BNC FBAS, 75 Ohm terminated	
Casing	Aluminium / steel	
Power input	12 V DC / 24 V DC, 650 mA typical, 1,1 A max.	
Operating temperature	0°C ~ +50°C	
Dimensions (WxHxD)	302 x 217 x 73 mm	361 x 297 x 69 mm, cutout 299,5 x 227,5 mm
Weight	3,0 kg	3,2 kg
Mounting	Desktop version, standard VESA mount 75/100mm	Built-in version, cutout 299,5 x 227,5 mm
Accessories	Stand base BA DW 140 Brackets BA DW 151 / 170 / 171	ECS HCS 10 – sleeve for dry wall or in-wall mounting

Ordering information

EPTZ 1000	¼" 18x outdoor colour speed dome camera, 470 TV lines, 18x optical and 12x digital zoom, IP66, 24 VAC, 230 V AC indoor power supply included, wall mount bracket included
EPTZ 1000 – B1	**Set**: EPTZ 1000 outdoor colour speed dome camera incl. connector box EPTZ PBOX
EKB 500	Multi-function keyboard for speed dome and DVRs, with 3-axis joystick and jog/shuttle, 12 V DC (230 VAC power supply included)
ECS 7710 T	10,4" TFT touchscreen control panel with DVR/PTZ control, desktop version with standard VESA mount 75/100 mm, 12/24 V DC (230 V AC power supply included)
ECS 7710 C	10,4" TFT touchscreen control panel with DVR/PTZ control, built-in version, 12/24 V DC (230 VAC power supply included)
EPTZ PBOX	Connector box with power supply for speed dome, vandal-proof metal housing, dual power input 100~120 / 220~230 V AC, power output 24 V AC
EPTZ PB-A	Mounting adaptor for pole mount with EPTZ PMA (optional) or corner mount with EPTZ CMA (optional)
EPTZ PB-P12	Converter for EPTZ PBOX 110/230 V AC to 12 V DC / 500 mA
EPTZ CMA	Corner mount adaptor, stainless steel, H: 170mm, W (mounting plate): 115 mm, W (side plate): 80 mm
EPTZ CPMA	Ceiling pendent mount adaptor, powder-coated steel, L (tube): 340mm, Ø (tube): 32mm, Ø (ceiling adaptor): 108mm
EPTZ PMA	Pole mount adaptor, stainless steel, Ø pole: 90 ~ 155mm, dimensions (WxHxD) 166x205x47mm
EPTZ ICMB	Embedded ceiling mount adaptor kit, steel, dimensions (Ø x H): 220 x 130 mm

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